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(FILE 'HOME' ENTERED AT 09:59:31 ON 18 JUN 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 09:59:35 ON 18 JUN 2003

L1	88 S POLYGENIC (3N) EXPRESSION
L2	55 DUP REM L1 (33 DUPLICATES REMOVED)
L3	1 S L2 AND MULTIPLE AND PROTEIN
L4	278 S MULTIPLE (5N) EXPRESSION (5N) VECTOR
L5	0 S L4 AND CONSECUTIVE AND ENZYMATIC AND PROCESSES
L6	196 S L4 AND PROTEIN
L7	114 DUP REM L6 (82 DUPLICATES REMOVED)
L8	16 S L7 AND (CO-EXPRESSION OR COEXPRESSION OR SIMULTANEOUS?)
L9	16 DUP REM L8 (0 DUPLICATES REMOVED)
L10	133 S CONSECUTIVE AND ENZYMATIC AND PROCESS?
L11	4 S L10 AND MULTIPLE AND PROTEIN
L12	2 DUP REM L11 (2 DUPLICATES REMOVED)
L13	15351 S MULTIPLE (2N) PROTEIN
L14	10438 S MULTIPLE (1N) PROTEIN
L15	113 S L14 AND (CO-EXPRESSION OR COEXPRESSION)
L16	50 DUP REM L15 (63 DUPLICATES REMOVED)
L17	849 S MULTIPLE (2N) VECTOR
L18	329 S L17 AND PROTEIN
L19	15 S L18 AND (COEXPRESSION OR CO-EXPRESSION)
L20	6 DUP REM L19 (9 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 10:15:50 ON 18 JUN 2003

L16 ANSWER 31 OF 50 MEDLINE DUPLICATE 22  
 AN 2000097069 MEDLINE  
 DN 20097069 PubMed ID: 10631494  
 TI Expression of **multiple proteins** within single primary  
 cortical neurons using a replication deficient HSV vector.  
 AU Coopersmith R; Neve R L  
 CS Harvard Medical School, MA, USA.. coopersmith@helix.mgh.harvard.edu  
 NC HD34563 (NICHD)  
 SO BIOTECHNIQUES, (1999 Dec) 27 (6) 1156-60.  
 Journal code: 8306785. ISSN: 0736-6205.  
 CY United States  
 DT Report; (TECHNICAL REPORT)  
 LA English  
 FS Priority Journals  
 EM 200002  
 ED Entered STN: 20000218  
 Last Updated on STN: 20000218  
 Entered Medline: 20000209  
 AB The study of protein-protein interactions in the nervous system has become  
 dependent on the ability to express foreign proteins (or to overexpress  
 endogenous proteins) within neurons. Often, multiple genes need to be  
 overexpressed in the same cell. To investigate the simultaneous  
**co-expression** of more than one virally introduced gene  
 in primary cortical neurons, we infected cultures with two different  
 herpes simplex virus (HSV) vectors and analyzed the proportion of singly  
 and doubly infected cells. The vast majority of neurons expressed both  
 gene products, with a smaller number expressing one or the other protein  
 alone. Increasing the quantity of virus caused an increase in the  
 proportion of doubly labeled cells at the expense of singly labeled cells,  
 which is consistent with a model in which infection with one viral vector  
 is independent of infection with the other. We conclude that co-infection  
 with HSV vectors is an efficient way to obtain expression of multiple gene  
 products within individual primary culture neurons.

	Type	Hits	Search Text	DBs
1	BRS	66	sulfolipid	USPAT; US-PGPUB; EPO; JPO; DERWENT;
2	BRS	31	sulfolipid and glucose	USPAT; US-PGPUB; EPO; JPO; DERWENT;
3	BRS	25	sulpholipids	USPAT; US-PGPUB; EPO; JPO; DERWENT;
4	BRS	0	sulfoquinovosyldiacygoycerol	USPAT; US-PGPUB; EPO; JPO; DERWENT;
5	BRS	0	sulfoquinovose and diacylglycerol	USPAT; US-PGPUB; EPO; JPO; DERWENT;
6	BRS	0	sulfoquinovose	USPAT; US-PGPUB; EPO; JPO; DERWENT;
7	BRS	0	diphosphosulfoquinovose	USPAT; US-PGPUB; EPO; JPO; DERWENT;
8	BRS	9	sqdg	USPAT; US-PGPUB; EPO; JPO; DERWENT;
9	BRS	0	sulfoquinovose and diacylglycerol	USPAT; US-PGPUB; EPO; JPO; DERWENT;
10	BRS	74	sulfolipid	USPAT; US-PGPUB; EPO; JPO; DERWENT;
11	BRS	0	sulfolipid and sqdx	USPAT; US-PGPUB; EPO; JPO; DERWENT;
12	BRS	998	coexpression	USPAT; US-PGPUB; EPO; JPO; DERWENT;
13	BRS	31	coexpression and arabidopsis and thaliana and recombinant and enzymes	USPAT; US-PGPUB; EPO; JPO; DERWENT;
14	BRS	29	(coexpression and arabidopsis and thaliana and recombinant and enzymes) and (transformation or transformant)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
15	BRS	337	coexpression and escherichia and coli and recombinant and enzymes	USPAT; US-PGPUB; EPO; JPO; DERWENT;
16	BRS	268	(coexpression and escherichia and coli and recombinant and enzymes) and method and (transformation or	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Typ	Hits	Search Text	DBs
17	BRS	149	((coexpression and escherichia and coli and recombinant and enzymes) and method and (transformation or	USPAT; US-PGPUB; EPO; JPO; DERWENT;
18	BRS	0	co-expression/ti	USPAT; US-PGPUB; EPO; JPO; DERWENT;
19	BRS	326	co-expression and coli and transformation and method and plant	USPAT; US-PGPUB; EPO; JPO; DERWENT;
20	BRS	0	(vector and co-expression).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT;
21	BRS	1925	(vector and co-expression).abst	USPAT; US-PGPUB; EPO; JPO; DERWENT;
22	BRS	0	(vector and co-expression).abst.	USPAT; US-PGPUB; EPO; JPO; DERWENT;
23	BRS	56168	(vector and host and cell co-expression).abst	USPAT; US-PGPUB; EPO; JPO; DERWENT;
24	BRS	1925	(vector and co-expression).ti	USPAT; US-PGPUB; EPO; JPO; DERWENT;
25	BRS	1925	(vector and co-expression).ttl	USPAT; US-PGPUB; EPO; JPO; DERWENT;
26	BRS	121	co-expression near5 vectors	USPAT; US-PGPUB; EPO; JPO; DERWENT;
27	BRS	3386	coexpression or co-expression	USPAT; US-PGPUB; EPO; JPO; DERWENT;
28	BRS	2999	(coexpression or co-expression) and (multiple or many) and (polypeptide or protein)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
29	BRS	1629	(coexpression or co-expression) and (multiple or many) near10 (polypeptide or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT;
30	BRS	1357	(coexpression or co-expression) and (multiple or many) near5 (polypeptide or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT;
31	BRS	1249	((coexpression or co-expression) and (multiple or many) near5 (polypeptide or protein))) and vector and host and cells	USPAT; US-PGPUB; EPO; JPO; DERWENT;
32	BRS	1192	((coexpression or co-expression) and (multiple or many) near5 (polypeptide or protein))) and vector and (host near1	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Type	Hits	Search Text	DBs
33	BRS	924	(coexpression or co-expression) and (multiple or many) near2 (polypeptide or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT;
34	BRS	16	(coexpression or co-expression) near5 (multiple or many) near2 (polypeptide or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT;
35	BRS	344	expression near5 multiple near5 proteins	USPAT; US-PGPUB; EPO; JPO; DERWENT;
36	BRS	6131	multiple near5 vectors	USPAT; US-PGPUB; EPO; JPO; DERWENT;
37	BRS	6131	multiple near5 vectors	USPAT; US-PGPUB; EPO; JPO; DERWENT;
38	BRS	2468	multiple near2 vectors	USPAT; US-PGPUB; EPO; JPO; DERWENT;
39	BRS	1236	multiple near1 vectors	USPAT; US-PGPUB; EPO; JPO; DERWENT;
40	BRS	563	(multiple near1 vectors ) and protein	USPAT; US-PGPUB; EPO; JPO; DERWENT;
41	BRS	65	((multiple near1 vectors ) and protein) and (co-expression or coexpression)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
42	BRS	846	co-transformation	USPAT; US-PGPUB; EPO; JPO; DERWENT;
43	BRS	1093	(sequential or multiple) near3 transformation	USPAT; US-PGPUB; EPO; JPO; DERWENT;
44	BRS	528	((sequential or multiple) near3 transformation) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
45	BRS	279	((sequential or multiple) near3 transformation) and vector) and (protein or polypeptide)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
46	BRS	379	(sequential or multiple) near1 transformation	USPAT; US-PGPUB; EPO; JPO; DERWENT;
47	BRS	206	((sequential or multiple) near1 transformation) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
48	BRS	118	((sequential or multiple) near1 transformation) and vector) and (protein or polypeptide)	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Type	Hits	Search Text	DBs
65	BRS	699	multiple near4 expression near4 vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
66	BRS	172	multiple near2 expression near2 vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
67	BRS	2857	multiple near2 vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
68	BRS	167	(multiple near2 vector) and protein and (co-expression or coexpression)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
69	BRS	5014	co-transfection or cotransfection	USPAT; US-PGPUB; EPO; JPO; DERWENT;
70	BRS	3944	(co-transfection or cotransfection) and multiple	USPAT; US-PGPUB; EPO; JPO; DERWENT;
71	BRS	3936	((co-transfection or cotransfection) and multiple) and protein	USPAT; US-PGPUB; EPO; JPO; DERWENT;
72	BRS	3844	((co-transfection or cotransfection) and multiple) and protein ) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
73	BRS	65260	host near2 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT;
74	BRS	3358	(host near2 cell) and (((co-transfection or cotransfection) and multiple) and protein ) and vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT;
75	BRS	2792	((host near2 cell) and (((co-transfection or cotransfection) and multiple) and protein ) and vector)) and coli	USPAT; US-PGPUB; EPO; JPO; DERWENT;
76	BRS	1121	((host near2 cell) and (((co-transfection or cotransfection) and multiple) and protein ) and vector)) and coli) and (multiple near5 (vector or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
77	BRS	653	((host near2 cell) and (((co-transfection or cotransfection) and multiple) and protein ) and vector)) and coli) and (multiple near2 (vector or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
78	BRS	263	((host near2 cell) and (((co-transfection or cotransfection) and multiple) and protein ) and vector)) and coli) and (multiple near1 (vector or protein))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
79	BRS	2	6,265,638	USPAT; US-PGPUB; EPO; JPO; DERWENT;

	Typ	Hits	S arch Text	DBs
49	BRS	21	"5504200"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
50	BRS	13	"5504200" and monocot	USPAT; US-PGPUB; EPO; JPO; DERWENT;
51	BRS	2	"20020088025"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
52	BRS	6	"5512456"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
53	BRS	2	"6087558"	USPAT; US-PGPUB; EPO; JPO; DERWENT;
54	BRS	5025	coexpression or co-expression	USPAT; US-PGPUB; EPO; JPO; DERWENT;
55	BRS	4939	(coexpression or co-expression) and protein	USPAT; US-PGPUB; EPO; JPO; DERWENT;
56	BRS	3519	((coexpression or co-expression) and protein) and vector and transformation	USPAT; US-PGPUB; EPO; JPO; DERWENT;
57	BRS	2906	((((coexpression or co-expression) and protein) and vector and transformation) and advantage	USPAT; US-PGPUB; EPO; JPO; DERWENT;
58	BRS	2456	(((((coexpression or co-expression) and protein) and vector and transformation) and advantage) and heterologous	USPAT; US-PGPUB; EPO; JPO; DERWENT;
59	BRS	2322	((((((coexpression or co-expression) and protein) and vector and transformation) and advantage) and heterologous) and	USPAT; US-PGPUB; EPO; JPO; DERWENT;
60	BRS	908	(coexpression or co-expression) near10 protein	USPAT; US-PGPUB; EPO; JPO; DERWENT;
61	BRS	525	((coexpression or co-expression) near10 protein) and heterologous	USPAT; US-PGPUB; EPO; JPO; DERWENT;
62	BRS	450	((((coexpression or co-expression) near10 protein) and heterologous) and multiple	USPAT; US-PGPUB; EPO; JPO; DERWENT;
63	BRS	437	(((((coexpression or co-expression) near10 protein) and heterologous) and multiple) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT;
64	BRS	10	polygenic near3 expression	USPAT; US-PGPUB; EPO; JPO; DERWENT;